

CURRICULAR REQUEST FORM

Submit one (1) original of this form with signatures and syllabi
to: The University Curriculum Committee, c/o Melissa Crawford, mail code 1480

Section I. Course Identification, Action, and Justification**A. Type of Request:** Add New

Indicate year and semester you want this effective: Year: 2006 Semester: Fall

B. Complete this section if *adding or changing* a course.

Proposed Listing: Prefix: CDA Number: 3100 (**Note:** The leftmost digit must be a number; the remaining digits may be represented by X's)

Full Title: Computer Organization I

Semester Hours: Min: 3 Max: 3 Transcript Title (20 characters max): Computer Org I

C. Complete this section if *changing or deleting* an existing course.

Present Listing: Prefix: Number:

Full Title:

Semester Hours: Min: Max:

D. Justification for addition or change (not required if deleting a course):

The faculty has decided to add more material for our students in the areas of digital logic and assembly language programming. This course will satisfy that need. The course will also cover portions of material that used to be covered by COP 3502 (COP 3502 will no longer be a required course in our curriculum).

E. Faculty Contact Information:

Name: Daniel Chang Phone: 645-1466 Email: dchang@cs.fsu.edu

F. Is this course to be considered for satisfaction of University undergraduate degree requirements?

Call 4-2451 for processing information. No

Considered for Multicultural designation? If "Yes" indicate whether an "X" or "Y" course. No

Is this course to be considered for satisfying Oral/Computer Competency? If yes, indicate which one. No

Section II. Course Information for Catalog and Scheduling Purposes

Grade Type (choose one): 1 - Letter Grade

Modes of Instruction: Primary: C - Class Lecture Secondary: L - Laboratory

Repeat Information: Code: 00 Repeat only when topics vary? No Repeat only with instructor permission? No

Total semester hours may be taken for credit: 3

Department Code: Primary: 1166 Secondary (list all):

Major codes (list all applicable): All

Prerequisites:

Corequisites: COP 3330, MAD 2104

Are your department's course descriptions divided into subheadings in the *Bulletin*? If yes, state under which subheading this course is to be placed:

Course Catalog Description (This must be on all new or changed course requests.):

This is a core course intended for computer science majors with previous C/C++ Language background. The course introduces fundamental concepts in computer organization and digital logic design, including numbering systems and number representation, logic gates and design, the Von-Neumann architecture principle, and the machine instruction cycle. Assembly language programming with C language interfacing is also presented, reinforcing basic computer structure and machine cycle operation principles.

Section III. Approval Signatures

Approved By:

Teaching Unit

Teaching Unit Curriculum Committee Chair

Teaching Unit Chair

College or School

College or School Curriculum Committee Chair

Dean of College or School

Vice President of Academic Affairs or Representative

Date